

TRINITY 24V upgrade

QUICK Guide

1.0 Safety instruction

DANGER

Risk of fire! Only use batteries of the same manufacturer, type, capacity and technical condition.

1.1 Foreword

After the 24 V upgrade, the TRINITY system has two separate power lines. After the upgrade, the Cam Power Out Socket on the TRINITY Ring offers 12V High Capacity or 24V for the camera.

2.0 12V Mode

As long as the system is switched to 12V mode, all batteries are hot-swapped to power the camera and all power out sockets with 12V.

2.1 24V Mode

NOTICE

Minimum three batteries are needed to use the TRINITY in 24V mode.

2.2

Mount and connect two batteries of the same kind and performance to the **Batt In** sockets at the front of the TRINITY Battery Hanger.



2.3

Add the third battery at the back of the Battery Hanger, to provide 12V to the system.



2.4

Switching the Battery Hanger to 24V Mode, will combine the two batteries at the front to 24V, while the third battery at the back of the battery hanger will provide still 12V.



2.5

Switching the head to **24V mode**, will **separate** the power supply inside the TRINITY head.

NOTICE

The monitor, the motors, the mainboard and all accessories that are connected to the base plate of the TRINITY continue to be operated and powered with 12 Volt.



NOTICE

In 24V mode, all power out sockets in the ring of the TRINITY now supply 24 Volts in 24V mode.



NOTICE

In this way, you can use the existing 12V camera power cables to supply the camera with 24V now.

2.6

DANGER

Make sure when using the 4pin XLR power cable for **12V cameras**, to switch back to **12V mode**.